

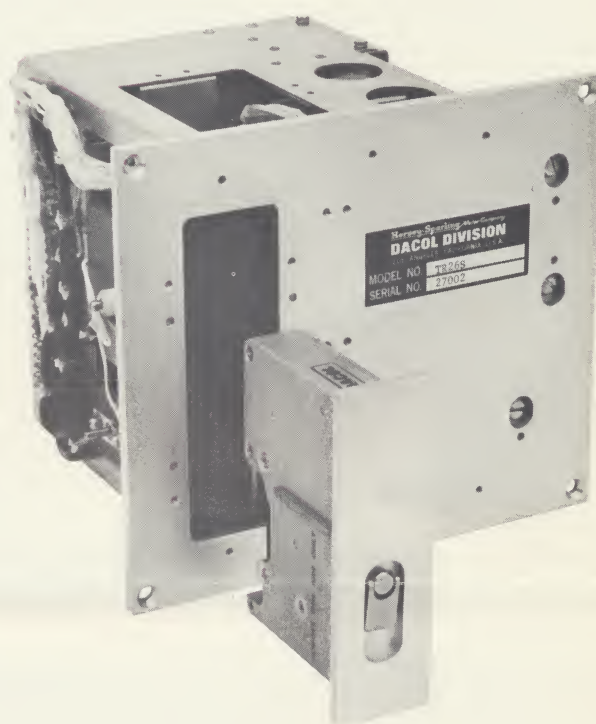
Model TR26S Digital Magnetic Tape Memory

SPECIFICATIONS

STORAGE MEDIUM	1/2", 7 track, cartridge loaded magnetic tape.
STORAGE CAPACITY	500,000 data bits on 36 feet of tape at a density of 200 characters per inch.
OPERATING MODES	Read, Rewind, Search, Standby.
READING RATE	7200 data bits per second resulting from a tape speed of 6 inches per second.
REWIND SPEED	15 inches per second.
SEARCH SPEED	6 inches per second.
DATA OUTPUT LOGIC LEVELS	— 4.5 to — 5.5 volts = logical "0". 0 to — 2.0 volts = logical "1".
READ AND REWIND COMMAND SIGNALS	Pulse going from — 5 volts to 0 volts with a 1 microsecond maximum rise time.
SEARCH COMMAND	Logical "1".
STANDARD CONTROL FEATURES	1. Automatic rewind at end-of-tape. 2. Automatic stop at beginning-of-tape during rewind. 3. Automatic stop at next programmed data address when Search Command is removed. 4. Automatic stop at programmed tape positions during reading. 5. Generation of data address signals during search. 6. 6 data, 1 clock, 1 read command, 1 rewind command, 1 address detector signal, 1 ground, beginning-of-tape signal and end-of-tape signal.
INTERFACE CONNECTING LINES	6 data, 1 clock, 1 read command, 1 rewind command, 1 address detector signal, 1 ground, beginning-of-tape signal and end-of-tape signal.
POWER REQUIRED	— 5 volts DC at 200 ma. + 28 volts DC at 250 ma. 115 volts 60 cycle at 0.3 amps.
SIZE	6.5" H x 7.0" W x 6.5" D.
WEIGHT	8 pounds.
TEMPERATURE	20° to 140° F.
HUMIDITY	To 100% Relative.
OPTIONS	1. Other data reading rates, rewind speeds, search speeds and storage capacities are available. 2. Operation from other logic levels and command signals can be provided. 3. The TR26S can be supplied for operation from 400 cycle AC power.
TAPE PREPARATION	Magnetic tapes can be computer generated or generated from a paper tape master utilizing the DACOL Model PMC20 Paper Tape-to-Magnetic Tape Converter.

Large amounts of digital data can be stored and recalled economically with the DACOL Model TR26S Tape Memory. The TR26S can read data from up to 6 tape tracks simultaneously. Data tape is stored in rugged, aluminum cartridges which provide a convenient and rapid means of changing stored data.

The unique mechanical design, plus the use of integrated circuitry are credited for the small size and low power requirements of the Model TR26S. Design flexibility of both mechanical and electrical characteristics make the TR26S ideally suited for a variety of OEM applications.



Hersey-Sparling Meter Company

DACOL DIVISION

210 West 131 Street • Los Angeles 90061 • (213) 321-6283

DACOL TECHNICAL REPRESENTATIVES THROUGHOUT THE FREE WORLD

Models SDR and R22 Incremental Digital Magnetic Tape Recorders

SPECIFICATIONS

FORMAT	7-bit (parallel) characters; 6-bits for data, 1 for synchronism or parity.
CAPACITY	Up to 50,000 characters per cartridge.
RECORDING RATE	Up to 12 characters per second.
RECORDING MODE	Return-to-Bias (RB).
TAPE FEED MODES	Incremental character or incremental word, with up to 8 characters per word.
NO. OF DATA INPUT LINES	Up to 48.
DATA INPUT	Accepts logic levels. Standard unit accepts 0 to +.5 volts as a logical "0" and +4 to +6 volts as a logical "1".
RECORD COMMAND	Logic level or switch closure.
POWER REQUIREMENTS	
MODEL R22	All power supplied by self-contained rechargeable NiCad battery pack.
MODEL SDR	+6V DC and -6V DC at 140 ma each during recording. One microamp standby current.
SIZE:	
MODEL R22	8 x 7 x 3.5 inches.
MODEL SDR	5.8 inches diameter x 6 inches long.
WEIGHT	
MODEL R22	5 pounds.
MODEL SDR	4 pounds.
CONSTRUCTION	Modular to permit rapid and low cost maintenance.
OPERATING TEMPERATURE	0° to 130° F.
HUMIDITY	To 100% relative.
TAPE PROCESSING	DACOL Model TC19 Tape-to-Tape Converter, which generates a computer compatible tape, or DACOL Model TR43 Tape Reader, for on-line computer input. TR26 Tape Reader available for user designed processor. Tape cartridge processing service available through DACOL.
ACCESSORIES	1. DACOL Model BC36 Battery Charger. 2. NiCad Battery Pack for SDR Recorder. 3. Shoulder strap for carrying the R22 Recorder.
OPTIONS	1. Odd or even parity electronics. 2. End of tape indicator.

The DACOL SDR and R22 Recorders are designed to record digital data on 1/2", 7-track, cartridge-loaded magnetic tape in applications requiring unattended operation. Both models have identical technical features, differing only in packaging. The SDR and R22 Recorders feature small size, light weight, low power, cartridge loading, and flexible interface. Internal formatting capability permits the recording of up to 48 digital data bits, in parallel, with one record command, to record a multiple character word.



MODEL SDR



MODEL R22

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Corr.No.MJC:66-242
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RECORDER PRICE LIST

<u>MODEL</u>	<u>BASIC</u>	<u>24 BIT WORD</u>
SDR Scientific Data Recorder	\$1,700.00	\$1,800.00
R22 Recorder	\$1,800.00	\$1,900.00
R34 Airborne Recorder	\$1,700.00 Industrial \$2,000.00 Military	
R41 Keyboard Recorder	\$1,900.00 Numeric (12 Key) \$2,000.00 Alphanumeric (15 Key)	

RECORDER ACCESSORIES AND OPTIONS:

NiCad Battery Pack for SDR or R34:	\$ 50.00
Model BC36 Battery Charger:	\$ 50.00
Parity Generator Electronics:	\$150.00

NOTE: All DACOL Recorders are delivered complete with record electronics and one Model C16 Tape Cartridge. Spare tape cartridges are priced at \$280.00.

TAPE CARTRIDGE READER AND PROCESSOR PRICE LIST

TR26	Tape Reader (without electronics)	\$ 2,000.00
TR26S	Tape Reader/Memory (with electronics)	\$ 3,000.00
TR43	Tape Reader (on-line computer input)	\$ 6,000.00
TC19	Tape Converter (cartridge to computer magnetic tape)	\$11,000.00
PMC20	Tape Converter (paper tape to cartridge)	\$ 5,000.00

DELIVERY ON TAPE RECORDERS AND READERS: 30 to 45 days ARO.

QUANTITY DISCOUNTS:

<u>QUANTITY</u>	<u>DISCOUNT</u>
1 - 4	-
5 - 9	7%
10 - 19	10%
20 and over	Contact Factory

TERMS: Net 30 days. Prices are FOB Los Angeles, California.